

REMARKS / DISCUSSION OF ISSUES

Claims 1-20 are currently pending in the Application. Claims 1, 11 and 16 are independent claims.

Claims 19 and 20 are amended herein correcting certain informalities noted upon review of the claims. Claims 19 and 20 were not amended in order to address issues of patentability and Applicants respectfully reserve all rights under the Doctrine of Equivalents.

In the Office Action, claims 1-9 and 11-20 are rejected over U.S. Patent Publication No. 2002/0141188 to Basey ("Basey") in view of U.S. Patent No. 6,227,686 to Takahashi ("Takahashi"). Claim 10 is rejected over Basey and Takahashi in further view of U.S. Patent Publication No. 2001/0030865 to Glowach ("Glowach").

It is respectfully submitted that claims 1-20 are allowable over Basey in view of Takahashi alone and in further view of Glowach for at least the following reasons.

Basey shows a lamp collar 14 that includes vanes 28 spaced as perpendicular cuts through an outside surface 20 of the collar 14 (see, FIG. 4). As such, each of the vanes extends in a radial direction with respect to an outside edge of a reflector 12. In operation, air flow proceeds through the vanes 28 into the reflector 12 and exits the reflector 12 through an exhaust opening 30 (see, paragraph 22, lines 21-27). While the vanes of Basey are spaced along the outside edge of the reflector, the vanes extend radially with respect to the reflector to enable inflow into the reflector.

It is respectfully submitted that the lamp assembly of claim 1 is not anticipated or made obvious by the teachings of Basey in view of Takahashi. For example, Basey in view of Takahashi does not disclose or suggest, a lamp assembly that amongst other patentable elements, comprises (illustrative emphasis provided) "an air guide conduit having air conducting walls that extend in a direction around the upper rim of the reflector, the air guide conduit having an air inlet and having an air outlet into the opening of the reflector" as recited in claim 1. Each of Takahashi and Glowach are introduced for allegedly showing other elements of the claims and as such, do nothing to cure the deficiencies in each of Basey.

Further, while Basey in FIG. 4 does show creation of a swirling airflow within the reflector 12, as clearly shown by the air flow arrows 42, 44, the airflow prior to introduction into the reflector is directed straight into the vents 28 through the reflector 12.

Accordingly, it is respectfully submitted that the lamp assembly of claim 11 is not anticipated or made obvious by the teachings of Basey in view of Takahashi. For example, Basey in view of Takahashi does not disclose or suggest, a lamp apparatus that amongst other patentable elements, comprises (illustrative emphasis provided) "cooling means for creating a vortex and introducing the vortex tangentially into the opening such that the vortex travels down the concave reflective surface of the reflector" as recited in claim 11 and as similarly recited in claim 16. Clearly in FIG. 4, Basey shows that the swirling airflow is produced within the reflector and not prior to introduction into the reflector.

Based on the foregoing, the Applicants respectfully submit that independent claims 1, 11 and 16 are patentable over Basey in view of Takahashi and notice to this effect is earnestly solicited. Claims 2-10, 12-15 and 17-20 respectively depend from one of claims 1, 11 and 16 and accordingly are allowable for at least this reason as well as for the separately patentable elements contained in each of the claims. Accordingly, separate consideration of each of the dependent claims is respectfully requested.

In view of the foregoing, Applicants respectfully request that the Examiner withdraw the objections and/or rejections of record, allow all the pending claims, and find the application in condition for allowance. If any points remain in issue that may best be resolved through a personal or telephonic interview, the Examiner is respectfully requested to contact the undersigned at the telephone number listed below.

Respectively submitted,



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